LA CROSSE®
TECHNOLOGY

Wireless Color Forecast Station
Model: 308-146

INTRODUCTION:
The Wireless Color Forecast Station features atomic time, weather forecast, indoor and outdoor temperature/humidity as well as heat index and dew point, on a stylish, colorful, and easy to read display. Use the integrated USB charging port to charge your devices when the display is plugged into a power outlet.

Wireless Color Forecast Station:

OUTDOOR TEMPERATURE/HUMIDITY TRANSMITTER: TX14TH

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INVENTORY OF CONTENTS:

1. 308-146 Forecast Station
2. 5.0 volt a/c adapter cord for Forecast Station
3. Wireless Outdoor Transmitter TX14TH

FEATURES:

- ATOMIC time and date (auto sets)
- 12/24 hour time with snooze alarm and alarm icon
- Charge devices with USB charging port
- Calendar display: month, day, date
- Heat index and dew point
- Color forecast: sunny, partly sunny, cloudy, rainy and stormy
- 12 hour forecast based on changing barometric pressure
- IN / OUT temperature (°F / °C)
- IN / OUT humidity (%RH)
- MIN / MAX records (24-hour readings)
- Time zone selection: Atlantic Time (AST), Eastern Time (EST), Central Time (CST), Mountain Time (MST), Pacific Time (PST), Alaskan Time (AKT) and Hawaiian Time (HAT)
- Light up the Forecast Station with a press of a button using battery power OR continuous light using the AC adapter with ON / OFF option
- LCD light dimmer for nighttime use
- Low battery icon for Forecast Station and sensor
- Sits on desktop or tabletop
- 3 "AA" Alkaline batteries (not included) OR optional 5.0V AC adapter (included)

INITIAL SET UP:

1. Insert A/C adapter into the wall outlet then into the Forecast Station **or** insert 3 AA batteries (not included) into the Forecast Station (**see Power the Forecast Station).** The Forecast Station will light up and show, indoor temperature, humidity and channel 1.

2. Insert 2 fresh AA batteries into the transmitter, observing the correct polarity (**see Install Batteries in the Outdoor Transmitter**).
Note: The CH switch is set to Channel 1 by default. Confirm channel 1 is selected.

3. Keep the transmitter 5-10 feet from the Forecast Station for 15 minutes to establish a good connection.

4. Within 3 minutes the station will beep and the outdoor temperature should be displayed on the Atomic Clock. If the outdoor temperature is not displayed after 3 minutes remove power from the transmitter and the Forecast Station for 60 seconds and start again from step 1.

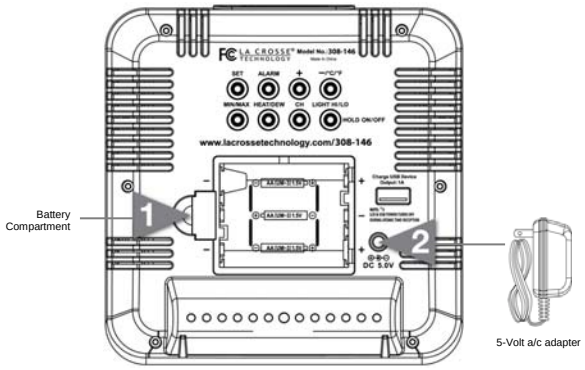
5. For optimum 433 MHz transmission, the outdoor transmitter should be placed a distance of no more than 200 feet (60 meters, open air) from the Forecast Station.

IMPORTANT: When operating on a/c power, to avoid interference, the backlight and USB charge port will turn off while the Forecast Station searches for the WWVB signal. The backlight and USB charge port resume after a 2-10 minute search.

- **Do Not Mix Old and New Batteries**
- **Do Not Mix Alkaline, Standard, Lithium or Rechargeable Batteries**

POWER THE FORECAST STATION:
The clock can be powered by the 5-volt a/c adapter or batteries.

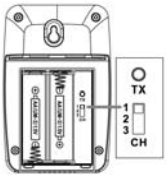
A/C power adapter:
- Insert enclosed 5-volt a/c power adapter into a wall outlet, then into the Forecast Station.



Batteries:
1. Remove battery cover: Slide tab to the right and pull out to remove battery cover.
2. Install three fresh AA batteries according to the polarity markings.
- **Do Not Mix Old and New Batteries**
- **Do Not Mix Alkaline, Lithium, Standard, or Rechargeable Batteries**

If the Forecast Station does not show indoor temperature after 60 seconds, remove adapter and batteries, and wait for at least 60 seconds before repeating the setup process.

INSTALL BATTERIES IN THE OUTDOOR TRANSMITTER:



1. Slide the battery cover down, then lift off the back of the transmitter.
Note: Be careful not to break the tabs on the battery cover.
2. Confirm the channel selector switch is on channel 1.
3. Insert two fresh AA batteries into the transmitter. Observe the correct polarity (see marking inside battery compartment).
4. Keep transmitter 5-10 ft. from the Forecast Station during setup.
5. After 15 minutes, if the outdoor temperature shows on the Forecast Station, you can move the outdoor transmitter outside to a shaded location within range of the Forecast Station.

WWVB RADIO CONTROLLED TIME

The NIST radio station, WWVB, is located in Ft. Collins, Colorado and transmits the exact time signal continuously throughout the United States at 60 kHz. The signal can be received up to 2,000 miles away through the internal antenna in the Forecast Station. However, due to the nature of the Earth's Ionosphere, reception is very limited during daylight hours. The Forecast Station will search for a signal every night when reception is best. The WWVB radio station derives its signal from the NIST Forecast Station in Boulder, Colorado. A team of atomic physicists continually measures every second of every day to an accuracy of ten billionths of a second a day. These physicists have created an international standard, measuring a second as 9,192,631,770 vibrations of a Cesium 133 atom in a vacuum. This Forecast Station regulates the WWVB transmitter.

WWVB RECEPTION ICON with full signal strength will appear on screen in front of the date when the reception of atomic time is successful.

- The tower icon will show solid when the Forecast Station has received the WWVB signal.
- No tower icon displayed. The Forecast Station was unable to receive a signal at this time.
- Reposition the Forecast Station for better signal reception or try again at bedtime.
- The Forecast Station will start searching at UTC: 07:00 and if no reception on the first attempt they will try again at 08:00, 09:00 and 10:00. Each attempt will be at least 2 minutes and the most will be 10 minutes.
- If there is no signal or too much interference the receiver will only be on for 2 minutes.
- If the signal is good it may catch a signal in ABOUT 2-3 minutes.
- If the signal is marginal it will try to catch a signal for up to 10 minutes.

IMPORTANT: When operating on a/c power, to avoid interference, the backlight and USB charge port will turn off while the Forecast Station searches for the WWVB signal. The backlight and USB charge port resume after a 2-10 minute search.

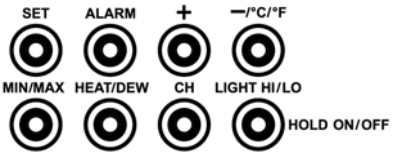
Note: In case the Forecast Station is not able to detect the WWVB-signal (disturbances, transmitting distance, etc.); the time may be manually set.

Manual Signal Search: In normal mode, hold the RCC button until the reception icon appears to force a search of the WWVB signal. The WWVB icon will flash during the search. If this icon disappears after the 2-minute search, the radio time signal is not available at the moment.

- Recommended distance to any interfering sources like computer monitors or TV sets is a minimum of 6 feet (2 meters).
- Within ferro-concrete rooms (basements, superstructures), the received signal is naturally weakened. In extreme cases, please place the unit close to a window and/ or point its front or back towards the Fort Collins, Colorado, transmitter.
- During nighttime, the atmospheric disturbances are usually less severe and reception is possible in most cases. A single daily reception is adequate to keep the accuracy deviation below 1 second.

Note: In case the Forecast Station is not able to detect the WWVB-signal (disturbances, transmitting distance, etc.), the time and date can be manually set (see "**program menu**").

FUNCTION BUTTONS:



Button	Press and Release Functions	Hold 3-5 seconds
SET	Move through program menu Confirm setting.	Enter program menu, set time, date, etc.
ALARM	View Alarm Activate/Deactivate Alarm	Alarm set
+/RCC	1 step forward (setup)	Search for WWVB signal Fast advance (setup)
-/°C/°F	Select temperature in °C/° F 1 step backward (setup)	Fast backward (set)
MIN/MAX	1-time MAX values 2-times MIN values	Resets all MIN / MAX values
HEAT/DEW	1-time Heat Index 2-times Dew Point	
CH	Switch channels (when using multiple transmitters)	Search for remote transmitter
LIGHT HI/LO HOLD ON/OFF	Dim backlight for night time.	Turn continuous backlight ON or OFF (a/c adapter)
LIGHT/SNOOZE (top)	Activates backlight when using only batteries. Trigger snooze alarm	

PROGRAM MENU:

The **SET** button will moves through the items in the program menu. The +/RCC or -/°C/°F button will change these values.

- WWVB reception ON or OFF
- Time Zone (Seven Time Zones)
- Daylight Saving Indicator
- 12/24 hour time format
- Manual time set (Hour, Minutes)
- Calendar set (Year, Month, Date)

WWVB RECEPTION:

The WWVB time reception defaults to ON. To turn the WWVB reception OFF:

1. Hold the SET button for 5 seconds.
2. **WWVB** and **ON** will flash.
3. Press and release the +/RCC or -/°C/°F button to turn this OFF.
4. Confirm with the SET button and move to the **Time Zone**.

TIME ZONE:

This station offers seven time zones listed in letter format (default is EST):

- AST Atlantic Time
- EST Eastern Time
- CST Central Time
- MST Mountain Time
- PST Pacific Time
- AKT Alaskan Time
- HAT Hawaiian Time

1. **EST** will flash.
2. Press and release the +/RCC or -/°C/°F button to select a different Time Zone.
3. Confirm with the SET button and move to **Daylight Saving Indicator**.

DAYLIGHT SAVING INDICATOR:

DST will default to the ON position as most of the country observes the DST change. If you live in an area does not observe the DST change, switch this to the OFF position.

1. **DST** and **ON** will flash.
2. Press and release the +/RCC or -/°C/°F button to turn DST to OFF.
3. Confirm with the SET button and move to **12/24 hour time format**.

12 OR 24 HOUR TIME FORMAT:

The Time may be displayed in 12-hour or 24-hour format. Default is 12-hour time.
Note: When in 12-hour format AM or PM will show in front of the hour.

1. **12H** will flash.
2. Press and release the +/RCC or -/°C/°F button to select 24-hour time.
3. Confirm with the SET button and move to **Set Time**.

SET TIME:

To set the time manually:

1. The **hour** digit will flash.
2. Press and release the +/RCC or -/°C/°F button to select the hour.
3. Press and release the **SET** button to set the **minutes**.
4. The **minute's** digit will flash.
5. Press and release the +/RCC or -/°C/°F button to select the minutes.
6. Confirm with the **SET** button and move to **Set Calendar**.

SET CALENDAR:

The date default of the Forecast Station is 1. 1. 2010.
To set the calendar:

1. The **year** will flash.
2. Press and release the +/RCC or -/°C/°F button to set the year (between year 2010-2039).
3. Press the **SET** button again to confirm and to enter the **month** setting.
4. The **month** will flash.
5. Press and release the +/RCC or -/°C/°F button to set the month.
6. Press the **SET** button again to confirm and enter **date** setting.
7. The **date** will flash.
8. Press and release the +/RCC or -/°C/°F button to set the date.
9. Confirm all calendar settings with the **SET** button to confirm and **exit** the program menu.

Note: The day of the week will set automatically once the year, month and date are set.

FAHRENHEIT/CELSIUS:

1. Press and release the **-/°C/°F** button once to switch from Fahrenheit to Celsius.

ALARM SET:

Hold the ALARM button for 5 seconds to enter the alarm time set mode.

1. The alarm **hour** digit will flash.
2. Press and release the +/RCC or -/°C/°F button to select the hour.
3. Press and release the **SET** button to set the minutes. The **minute** digits will flash.
4. Press and release the **+**/RCC or **-/°C/°F** button to select the minutes.
5. Confirm with the **SET** button and exit.
6. The alarm icon will show above the minutes indicating the alarm is **active**.
7. The alarm icon will flash when the alarm is sounding.

DEACTIVATE ALARM:

1. Press and release the ALARM button once to show Alarm Time.
2. Press and release the ALARM button to **deactivate** the Alarm. The alarm icon will disappear indicating the alarm is no longer active.

SNOOZE:

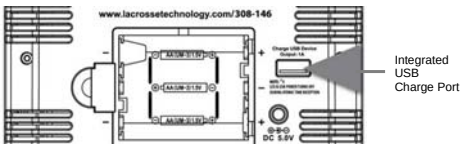
1. When the alarm sounds, press the SNOOZE/LIGHT button to trigger snooze alarm for 10 minutes. The snooze icon **Zz** will flash when the snooze feature is active.
2. To stop alarm for one day, press ALARM button, while in snooze mode. The alarm icon will remain solid.
   Note: When the alarm sounds, it continues for 2 minutes and then shuts off completely.

USB CHARGE PORT:

The integrated USB charging port (on back) will charge devices when the Forecast Station is plugged into a power outlet.

For example: you can use the USB charge cord to connect your cell phone to the USB charge port on the back of the Weather Station and allow your phone to charge. The Weather Station must be operating with a/c power in order to charge your device.

DO NOT try to charge the weather station by connecting a USB cable from the Weather Station to your computer etc. This is an output port only.



Charge a device:

1. Connect your existing USB charging cord for your external device to the USB charging port on the back of the Forecast Station to charge. Charging times will vary.
   Note: Check that your device will charge with the USB cord it came with. *Many USB cords are for data transfer only, and cannot be used for charging.*
2. **Output**: 1A maximum current USB.
3. Do NOT overload USB port.

Note: This is a power **output** port only. The Forecast Station cannot be powered via this port.
Note: Charging times will vary based on battery depletion and the individual device.
Note: Many devices may require more power to charge than provided by this Forecast Station.

IMPORTANT: When operating on a/c power, to avoid interference, the backlight and USB charge port will turn off while the Forecast Station searches for the WWVB signal. The backlight and USB charge port resume after a 2-10 minute search (which occurs during the late night or early morning hours).

BACKLIGHT:

A/C adapter: The backlight is on continuously when operating the Forecast Station with the 5-volt a/c adapter.

1. **HIGH:** The backlight is defaulted to HI (brightness) when the a/c adapter is in use.
2. **LO:** Press and release the LIGHT HI/LO button to dim the brightness of the backlight.
3. Press and release the LIGHT HI/LO button again to return to full strength (HIGH).

Note: When the Adapter is NOT in use, the High/Low backlight feature is not available.

1. **OFF:** Hold the HOLD ON/OFF button for 5 seconds, until the station beeps, to turn the backlight off to sleep.
2. **ON:** Hold the HOLD ON/OFF button again until the station beeps, to turn the backlight on.

Note: When the backlight is off, press any button to activate the backlight for 8 seconds, and then it will turn off again.

Battery power: Press and release the SNOOZE/LIGHT button and the backlight will show for 8 seconds, when operating on batteries only.

WEATHER FORECAST ICONS:
The Forecast Station predicts weather condition for the next 12-hours based on the change of atmospheric pressure. As weather conditions cannot be 100% correctly forecasted we cannot be responsible for any loss caused by an incorrect forecast. When first set up allow the clock 48-hours to acclimate to the environment and correctly Forecast Station forecast icons.

The icons forecast the weather in *terms of getting better or worse and not necessarily sunny or rainy* as each icon indicates. For example, if the current weather is cloudy and the rainy icon is displayed, it does not mean that the product is faulty because it is not raining. *It simply means that the air pressure has dropped and the weather is expected to get worse but not necessarily rainy.*

Note: After initial set-up, readings for Weather Forecasts should be disregarded for the next 48 hours. This will allow sufficient time for the Forecast Station to collect air pressure data at a constant altitude and therefore result in a more accurate forecast.

For every sudden or significant change in the Air Pressure, the Forecast Icons will update accordingly to represent the change in weather. If the icons do not change, then it means either the air pressure has not changed or the change has been *too slow for the Forecast Station* to register.

Common to weather forecasting, *absolute accuracy cannot be guaranteed*. The weather forecasting feature is estimated to have an accuracy level of about 75% due to the varying areas the Forecast Station has been designed for use. In areas that experience sudden changes in weather (for example from sunny to rain), the Forecast Station will be more accurate compared to use in areas where the weather is stagnant most of the time (for example mostly sunny).

If the Forecast Station is moved to another location significantly higher or lower than its initial standing point (for example from the ground floor to the upper floors of a house), disregard the weather forecast for the next 48-60 hours. By doing this, the Forecast Station will not mistake the new location as being a possible change in air-pressure when really it is due to the slight change of altitude.

LCD SCREEN:

The LCD screen is split into 5 sections displaying the information for time, calendar, weather forecast, indoor data, and outdoor data.

Animated Color Forecast Icons
All forecast icons shown together for illustration
Current Time, Alarm & Atomic Reception Icon
Calendar
Outdoor Temperature & Humidity
Indoor Temperature & Humidity
In / Out Heat Index
In / Out Dew Point

MIN/MAX TEMPERATURE/HUMIDTY DATA: This Forecast Station features daily minimum and maximum temperatures each day starting at midnight (12:00 AM). The clock automatically resets the min/max temperatures at midnight (12:00 AM).

VIEW MIN/MAX:

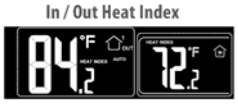
- **MAX:** From a normal display press and release the MIN/MAX button once to view maximum temperature and humidity values for Indoor and Outdoor data. The word MAX will appear next to the indoor and outdoor temperature.
- **MIN:** From a normal display press and release the MIN/MAX button twice to view minimum temperature and humidity values for Indoor or Outdoor data. The word MIN will appear next to the indoor and outdoor temperature.

- **RESET MIN/MAX**: Hold the MIN/MAX button for 5 seconds to reset all indoor and outdoor minimum and maximum values. (The clock automatically resets the min/max temperatures at midnight: 12:00 AM).

Note: If you are using multiple transmitters connected to the clock, all channels will reset at the same time.

HEAT INDEX:
Heat Index combines the effects of heat and humidity. It is the apparent temperature of how hot it feels to a human being. When relative humidity increases, the air feels warmer than it actually is because your body is less able to cool effectively by evaporation of perspiration.

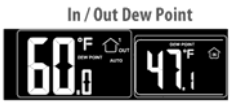
Note: Heat index will be the same number as the temperature until the temperature is above 80 degrees °F (26.7°C).



View Heat Index: From a normal display press the HEAT/DEW button once and the Heat Index will show (indoor/outdoor) instead of the ambient temperature. The words Heat Index will show near the indoor and outdoor temperatures.

DEW POINT:
Dew point is the saturation point of the air, or the temperature to which the air has to be cooled in order to create condensation. The higher the dew points, the higher the moisture content of the air at a given temperature. Dew Point Temperature is the absolute measure of the moisture in the air at a given temperature. Relative humidity is the *relative measure* of moisture in the air at a certain temperature.

Note: Dew Point is lower than the actual temperature.



View Dew Point: From a normal display press the HEAT/DEW button **twice** and the Dew Point temperature will show (indoor/outdoor) instead of the ambient temperature. The words Dew Point will show near the indoor and outdoor temperatures.

OUTDOOR TEMPERATURE/HUMIDITY FLASHING:

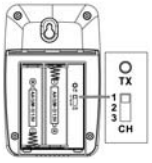
- **Low battery icon present**: Change batteries in the transmitter, and then hold the CH button until the station beeps to search for the outdoor transmitter again.

- **End of Transmission Range**: Move the transmitter closer to the Forecast Station. Avoid obstructions in the signal path. Keep transmitter and Forecast Station away from electronics.

LOW BATTERY ICON:
- When this icon appears in the indoor (IN) data reading section, replace the batteries in the Forecast Station.
- When this icon appears in the outdoor (OUT) data readings section, replace the batteries in the outdoor transmitter.

USE MULTIPLE OUTDOOR TRANSMITTERS:
The Forecast Station will accommodate up to three remote outdoor transmitters (TX14TH). The channel selection button allows you to easily see the temperature in various locations: outdoors, baby's room, greenhouse, basement, etc.

To connect multiple remote transmitters to the Forecast Station:



1. Remove the battery cover from all the transmitters (Leave battery covers off until all transmitters are received by the Forecast Station).
2. Set the first outdoor transmitter to Channel 1 and insert 2-AA batteries.
3. Set the second outdoor transmitter to Channel 2 and insert 2-AA batteries.
4. Set the third outdoor transmitter to Channel 3 and insert 2-AA batteries.
5. Press and hold CH button on Forecast Station until a beep sounds. The Forecast Station will search for all outdoor transmitters.
6. Press the TX button on the back of each outdoor transmitter to transmit RF signal.
7. When RF connection is established, the respective temperature & humidity for each of the selected channels will appear on the main unit.
8. Allow the transmitters and the Forecast Station to stay 5-10 feet apart for 15 minutes to establish a solid connection.
9. Install the battery covers on each sensor.
10. After 15 minutes place the remote transmitters in appropriate locations (see "**position the outdoor transmitter**").

Press and release the CH button to view channel 1, 2 or 3 on the Forecast Station when multiple transmitters are used.
Note: You cannot change channels if only one transmitter is connected.

CHANNEL SCROLL: Press and release the CH button until you see the word **AUTO** appear in the outdoor data area. The Forecast Station will automatically rotate through the channels for all connected transmitters.

Press and release the CH button to lock the Forecast Station into one channel. Then view channels individually with a press of the CH button.

OTHER FORECAST STATION ICONS:

WWVB Reception icon
- The tower icon will show solid when the Forecast Station has received the WWVB signal.
- No tower icon displayed. The Forecast Station was unable to receive a signal at this time.
- Reposition the Forecast Station for better signal reception or try again at bedtime.

Indoor readings (Temperature, Humidity, Dew Point, Heat Index)

Outdoor Channel indicator: The number 1, 2 or 3 for will display next to this icon indicating which transmitter the Forecast Station is reading. Press and release the CH button to view other channels when using multiple sensors.

AUTO When this word appears the outdoor temperature/humidity readings will automatically switch between channels (when using multiple sensors). Press and release the CH button to display only one channel.

Zz – Snooze icon
- Will flash when snooze feature has been activated
- Solid when alarm is on
- Does not display when alarm is deactivated.

Alarm icon
- Shows when time alarm is on
- Does not display when time alarm is deactivated

Low Battery:
- When this icon appears in the Indoor reading section the batteries in the Forecast Station need to be replaced.
- When this icon appears in the Outdoor readings section, replace the batteries in the outdoor transmitter.
- It is recommended to replace the batteries every 12 months to ensure optimum accuracy of this unit.

CARE AND MAINTENANCE:
- **Do Not Mix Old and New Batteries**
- **Do Not Mix Alkaline, Lithium, Standard, or Rechargeable Batteries**
- Do not expose the Forecast Station to extreme temperatures, vibration or shock. Keep dry.
- Clean Forecast Station with a soft damp cloth. Do not use solvents or scouring agents.
- The Forecast Station is not a toy. Keep it out of reach of children.
- The Forecast Station is not to be used for medical purpose or for public information, but is determined for home use only.
- The specifications of this Forecast Station may change without prior notice.
- Improper use or unauthorized opening of housing will void the warranty.
- If the Forecast Station does not work properly, change the batteries and/or check the a/c cord connection.

POSITION THE OUTDOOR TRANSMITTER:
The remote temperature transmitter should be mounted vertically to avoid damage.

WALL MOUNT
1. Choose a location for the transmitter that is within range of the Forecast Station and under an overhang for accuracy.
2. Install one mounting screw (not included) into a wall leaving approximately ½ inch (12.7mm) extended..
3. Place the transmitter onto the screw, using the hanging hole on the backside.
4. Gently pull the transmitter down to lock the screw into place.

NOTE: Always ensure that the transmitter locks onto the screw before releasing.

To achieve a true temperature/humidity reading, mount where direct sunlight cannot reach the outdoor transmitter. Mount the outdoor transmitter on a North-facing wall or in any well shaded area. Under an eave or deck rail work well. The maximum transmitting range in open air is 200-feet (60 meters). Obstacles such as walls, windows, stucco, concrete, and large metal objects can reduce the range. Place the transmitter at least 6 feet in the air to improve signal transmission.

Place both units in their desired location, and wait approximately 1-hour before permanently mounting the transmitter to ensure that there is proper reception. The outdoor temperature/humidity transmitter is water resistant, not waterproof and should not be placed anywhere it will become submerged in water or subject to standing water or snow.

POSITION THE FORECAST STATION:

1. The Forecast Station has a wide base to sit on a desk or table.
2. Choose a location 6 feet or more from electronics such as cordless phones, gaming systems, televisions, microwaves, routers etc.
3. Place within range of the outdoor transmitter.
4. The maximum transmitting range in open air is 200-feet (60 meters). Obstacles such as walls, windows, stucco, concrete, and large metal objects can reduce the range.
5. For best WWVB reception orientate the Forecast Station with the front of the back facing Ft. Collins Colorado.

SPECIFICATIONS:

Indoor:

Temperature Range:	+32° F to +122°F (0° C to + 50° C)
Humidity Range:	1%-99% (RH)
Interval:	Every 30 seconds

Outdoor:

Temperature Range:	-40°F to 140°F (-40°C to 50°C)

- Use Alkaline batteries in outdoor sensor: -20°F to 140°F (-20°C to 60°C)
- Switch to Lithium batteries in outdoor sensor if temperature drops below - 20°F (-28.8°C)

Humidity Range:	1%-99% (RH)
Distance:	200 ft. (60 meters) RF 433MHz (open air)
Interval:	Every 50 seconds

Power:

Forecast Station:	5-volt a/c power adapter (included) Optional 3-AA, IEC, LR6 batteries (not included)
TX14TH Transmitter:	2-AA, IEC, LR6 batteries (included)
USB:	Output 1 Amp maximum. Do not overload USB port.

Battery Life:

TX14TH Transmitter

Battery Life: Battery life is over 24 months when using reputable battery brands for both Alkaline and Lithium batteries

Forecast Station

Battery Backup: Battery life is over 24 months when using the AC adapter for primary power

Dimensions:

Forecast Station:	5.9" L x 2.36" W x 5.9" H (150 x 60 x 150mm)
TX14TH Transmitter:	2.5" L x 1.42" W x 3.98" H (64 x 36 x 101mm)

ACCURACY:

Indoor Temperature:
- Operating temperature range = 32 F to 122 F (0C to 50C)
- Accuracy ± 2 degrees Fahrenheit 32 F to 122 F (0C to 50C)
- Resolution = 0.1 degree F
- When above 122 F (50C) the temperature sensor should continue to read the correct temperature as long as the LCD Forecast Station continues to function
- When below 32 F (0C) the temperature sensor should continue to read correctly as long as the LCD Forecast Station continues to function

Indoor Humidity:
- Operating Temperature Range = 32F to 120F (0C to 50C)
- Operating humidity range = 1% RH to 99%
- Accuracy +/- 5% RH (@77°F (25°C) , 30%RH to 80%RH)
- Accuracy +/- 8% RH (@77°F (25°C) , 20%RH to29%RH & 80%RH to 95%RH)
- Accuracy +/-12% RH (@77°F (25°C) , 1%RH to 19%RH & 96%RH to 99%RH)
- Resolution = 1 % RH

Outdoor Temperature:
- Operating temperature range = -40 F to 140F (-40C to 60C)
- Accuracy ± 2 degrees Fahrenheit 32 F to 122 F (0C to 50C)
- Accuracy ±4 degrees Fahrenheit -40 F to32 F (-40C to 0C) & 122 F to140 F (50C to 60C))
- Resolution = 1 degree F
- When above 140 F (60C) the temperature sensor should continue to read the correct temperature as long as the LCD Forecast Station continues to function
- When below -40F (-40C) the temperature sensor should Forecast Station continue to read correctly as long as the LCD Forecast Station continues to function

Outdoor Humidity:
- Operating humidity range = 1% RH to 99%
- Accuracy +/- 5% RH (@77°F (25°C) , 20%RH to 90%RH)
- Accuracy +/- 8% RH (@77°F (25°C) , 20%RH to 30%RH & 80%RH to 95%RH)
- Accuracy +/-12% RH (@77°F (25°C) , 1%RH to 19%RH & 96%RH to 99%RH)
- Resolution = 1 % RH

Barometric Pressure:
- Measure range= 23.62 inHg to 32.48 inHg (800mb to 1100mb)
- Resolution=1mb
- Measuring time interval: every 12 minutes

WARRANTY INFORMATION:
La Crosse Technology, Ltd provides a 1-year limited warranty on this product against manufacturing defects in materials and workmanship.

This limited warranty begins on the original date of purchase, is valid only on products purchased and used in North America and only to the original purchaser of this product. To receive warranty service, the purchaser must contact La Crosse Technology, Ltd for problem determination and service procedures. Warranty service can only be performed by a La Crosse Technology, Ltd authorized service center. The original dated bill of sale must be presented upon request as proof of purchase to La Crosse Technology, Ltd or La Crosse Technology, Ltd's authorized service center.

La Crosse Technology, Ltd will repair or replace this product, at our option and at no charge as stipulated herein, with new or reconditioned parts or products if found to be defective during the limited warranty period specified above. All replaced parts and products become the property of La Crosse Technology, Ltd and must be returned to La Crosse Technology, Ltd. Replacement parts and products assume the remaining original warranty, or ninety (90) days, whichever is longer. La Crosse Technology, Ltd will pay all expenses for labor and materials for all repairs covered by this warranty. If necessary repairs are not covered by this warranty, or if a product is examined which is not in need or repair, you will be charged for the repairs or examination. The owner must pay any shipping charges incurred in getting the La Crosse Technology, Ltd product to a La Crosse Technology, Ltd authorized service center. La Crosse Technology, Ltd will pay ground return shipping charges to the owner of the product to a USA address only.

The La Crosse Technology, Ltd warranty covers all defects in material and workmanship with the following specified exceptions: (1) damage caused by accident, unreasonable use or neglect (including the lack of reasonable and necessary maintenance); (2) damage occurring during shipment (claims must be presented to the carrier); (3) damage to, or deterioration of, any accessory or decorative surface; (4) damage resulting from failure to follow instructions contained in the owner's manual; (5) damage resulting from the performance of repairs or alterations by someone other than an authorized La Crosse Technology, Ltd authorized service center; (6) units used for other than home use (7) applications and uses that this product was not intended or (8) the products inability to receive a signal due to any source of interference.. This warranty covers only actual defects within the product itself, and does not cover the cost of installation or removal from a fixed installation, normal set-up or adjustments, claims based on misrepresentation by the seller or performance variations resulting from installation-related circumstances.

LA CROSSE TECHNOLOGY, LTD WILL NOT ASSUME LIABILITY FOR INCIDENTAL, CONSEQUENTIAL, PUNITIVE, OR OTHER SIMILAR DAMAGES ASSOCIATED WITH THE OPERATION OR MALFUNCTION OF THIS PRODUCT. THIS PRODUCT IS NOT TO BE USED FOR MEDICAL PURPOSES OR FOR PUBLIC INFORMATION. THIS PRODUCT IS NOT A TOY. KEEP OUT OF CHILDREN'S REACH.

This warranty gives you specific legal rights. You may also have other rights specific to the State. Some States do not allow the exclusion of consequential or incidental damages therefore the above exclusion of limitation may not apply to you.

Protected under U.S. Patents:
5,978,738
6,076,044
6,597,990

For warranty work, technical support, or information contact:

La Crosse Technology, Ltd
2817 Losey Blvd. S.
La Crosse, WI 54601

The complete instruction manual is available at:
www.lacrossetechnology.com/308-146

Contact Support: 1-608-782-1610

Product Registration:
www.lacrossetechnology.com/support/register

FCC DISCLAIMER:

This Device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) the device must accept any interference received, including interference that may cause undesired operation.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER AUTHORITY TO OPERATE THE EQUIPMENT

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